Nian Yu

List of Publications by Year
in descending order

24 papers	238 citations	1163117 8 h-index	996975 15 g-index
24 all docs	24 docs citations	24 times ranked	140 citing authors

#	Article	IF	Citations
1	Improved Hybrid Particle Swarm Optimizer with Sine-Cosine Acceleration Coefficients for Transient Electromagnetic Inversion. Current Bioinformatics, 2022, 17, 60-76.	1.5	4
2	Model-Based Synthetic Geoelectric Sampling for Magnetotelluric Inversion With Deep Neural Networks. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	28
3	A Hybrid Grid‐Based Finite‐Element Approach For 3D Steel Casing Forward Modeling. Advanced Theory and Simulations, 2022, 5, .	2.8	1
4	A hybrid grid-based finite-element approach for three-dimensional magnetotelluric forward modeling in general anisotropic media. Computers and Geosciences, 2022, 159, 105035.	4.2	4
5	The Influence of the Ailaoshan‐Red River Shear Zone on the Mineralization of the Beiya Deposit on the Southeastern Margin of the Tibetan Plateau Revealed by a 3‐D Magnetotelluric Survey. Journal of Geophysical Research: Solid Earth, 2022, 127, .	3.4	11
6	Lesion Volume in Relapsing Multiple Sclerosis is Associated with Perivascular Space Enlargement at the Level of the Basal Ganglia. American Journal of Neuroradiology, 2022, 43, 238-244.	2.4	11
7	å°€æ±Ÿæ–è£,å¦¦ç³»ç»Ÿæ·±éƒ¨ç‰©è´¨è¿§æœºåˆ¶åŠå•éœ‡çŽ¯å¢ƒ:æ¥è‡ªå§Šœå°"µç£í"µå—æ–°æ®çš"è¯æ®. SCIENTIA SINICA Terrae, 2022, , .		
8	The mechanism of deep material transport and seismogenic environment of the Xiaojiang fault system revealed by 3-D magnetotelluric study. Science China Earth Sciences, 2022, 65, 1128-1145.	5.2	12
9	Pore type identification in carbonate rocks using convolutional neural network based on acoustic logging data. Neural Computing and Applications, 2021, 33, 4151-4163.	5.6	12
10	Airborne Transient Electromagnetic Simulation: Detecting Geoelectric Structures for HVdc Monopole Operation. IEEE Geoscience and Remote Sensing Magazine, 2021, , 2-16.	9.6	4
11	Advanced TSGL-EEGNet for Motor Imagery EEG-Based Brain-Computer Interfaces. IEEE Access, 2021, 9, 25118-25130.	4.2	63
12	Memetic Strategy of Particle Swarm Optimization for One-Dimensional Magnetotelluric Inversions. Mathematics, 2021, 9, 519.	2.2	4
13	The seismogenic structure and dynamic environment of Wulong Ms 5.0 earthquake revealed by magnetotelluric imaging. Tectonophysics, 2021, 811, 228867.	2.2	2
14	Magnetotelluric evidence of fluid-related seismicity beneath the Chuxiong Basin, SE Tibetan Plateau. Tectonophysics, 2021, 816, 229039.	2.2	7
15	Calculation of Earth Surface Potential and Neutral Current Caused by HVDC Considering Three-Dimensional Complex Soil Structure. IEEE Transactions on Electromagnetic Compatibility, 2021, 63, 1480-1490.	2.2	3
16	New Insights Into Crustal and Mantle Flow Beneath the Red River Fault Zone and Adjacent Areas on the Southern Margin of the Tibetan Plateau Revealed by a 3‐D Magnetotelluric Study. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB019396.	3.4	35
17	NUMERICAL STUDY OF PORE STRUCTURE EFFECTS ON ACOUSTIC LOGGING DATA IN THE BOREHOLE ENVIRONMENT. Fractals, 2020, 28, 2050049.	3.7	14
18	Characterizing the 3D hydrogeological structure of a debris landslide using the transient electromagnetic method. Journal of Applied Geophysics, 2020, 175, 103991.	2.1	18

#	Article	IF	Citations
19	The deep electrical structure of the middle section of the Sanjiang tectonic belt and its adjacent regions. Acta Geologica Sinica, 2019, 93, 69-71.	1.4	0
20	Study on the magnetotelluric strike direction estimate. Acta Geologica Sinica, 2019, 93, 278-279.	1.4	0
21	Preliminary Study on the Electrical Structure of the profile of Yingjiangxima-Zhenkangjunong in western Yunnan. , 2019, , .		0
22	Preliminary study on electrical structure of crust-mantle in Lianghe-Luxi SW Yunnan. , 2019, , .		0
23	The Discovery of Deep High-Resistivity Block and Inadequately Consolidated Magma Chambers in Gaoligongshan Oblique Collisional Orogen and its Tectonic Implications. Acta Geologica Sinica, 2017, 91, 1161-1162.	1.4	2
24	A novel approach based on feature fusion for fracture identification using well-log data. Fractals, 0, , .	3.7	2